

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a shaped charge assembly for use in a perforating gun. The shaped charge assembly includes a shaped charge combined with a longitudinal spine extending along a portion of a perforating gun barrel. The shaped charge can be secured to the spine with a retaining shell. A bushing is included between the outer radius of the casing the retaining shell. The bushing serves to absorb shock during detonation of the shaped charge and to help in orienting the shaped charges.